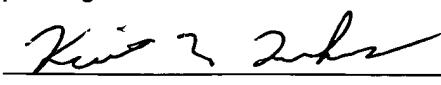


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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER BOUL/0016
INTERNATIONAL APPLICATION NO. PCT/GB03/005031	INTERNATIONAL FILING DATE 19 November 2003 (19.11.2003)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) to be assigned 107535687
TITLE OF INVENTION CONTROL OF BIOCATALYSIS REACTIONS		
APPLICANT(S) FOR DO/EO/US Christopher John KNOWLES, Simon Andrew JACKMAN, Li HONG, Robert MUSTACCHI, John Garry SUNDERLAND		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
<p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT rule 13ter.2 and 35 U.S.C. 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Unexecuted Combined Declaration and Power of Attorney 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

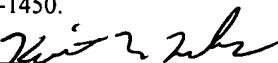
U.S. APPLICATION NO. (if known, see 37 CFR 1.5) to be assigned 107535687		INTERNATIONAL APPLICATION NO. PCT/GB2003/005031		ATTORNEY'S DOCKET NUMBER BOUL/0016	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee		\$300.00		Applicant Use	Office use only
<input checked="" type="checkbox"/> b) Examination fee		\$200.00		\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee.....		\$500.00		\$ 500.00	
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction therof (round up to a whole number)		RATE	
- 100 =	/50 =			X 250.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$
Total claims	20 - 20 =	0	x \$50.00		\$ 0.00
Independent claims	1 - 3 =	0	x \$200.00		\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2					
SUBTOTAL = \$ 1000.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE = \$ 1000.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED = \$ 1000.00					
Amount to be refunded: XXXXXXXXXX \$ Amount to be charged: XXXXXXXXXX \$					
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>20-0782/BOUL/0016/BTP</u> in the amount of \$ <u>1000.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>20-0782/BOUL/0016/BTP</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
 SIGNATURE <u>Keith M. Tackett</u> NAME <u>32,008</u> REGISTRATION NUMBER					
B. TODD PATTERSON MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 POST OAK BLVD., SUITE 1500 HOUSTON, TX 77056-6582					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: §
Knowles, et al. §
§ Group Art Unit: Unknown
Serial No.: To Be Assigned §
§ Examiner: Unknown
Filed: Herewith §
§
For: CONTROL OF BIOCATALYSIS §
REACTIONS §

MAIL STOP PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE UNDER 37 CFR 1.10	
I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on May 19, 2005, with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335477213US, addressed to: MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Keith M. Tackett Typed Name	
32,008 Reg. No. if applicable	Signature (713)623-4844 Telephone Number

LETTER OF TRANSMITTAL

Enclosed for filing are the following documents:

- 1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371;
- 2) Information Disclosure Statement;
- 3) Preliminary Amendment;
- 4) Application Data Sheet;
- 5) Unexecuted Combined Declaration and Power of Attorney; and
- 6) Return Postcard.

Respectfully submitted,

Date: 19 May 2005


Keith M. Tackett
Registration No. 32,008
MOSER, PATTERSON & SHERIDAN, LLP
3040 Post Oak Blvd., Suite 1500
Houston, Texas 77056
Telephone 713/623-4844
Facsimile 713/623-4846
Attorneys for Applicant